



**U.S. DEPARTMENT OF COMMERCE**  
National Oceanic and Atmospheric Administration  
NATIONAL OCEAN SERVICE  
NATIONAL MARINE SANCTUARY PROGRAM  
Florida Keys National Marine Sanctuary  
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Key West, FL 33040  
  
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Public Notice for procurements under \$10,000  
Posted on: **July 21, 2006 – RE-POST**

PART: U.S. GOVERNMENT PROCUREMENTS  
SUBPART: **Other Contractual Services (25xx)**  
CLASSCOD: **Miscellaneous Contractual Services not Otherwise Classified (2527)**  
SUBJECT: **Principal Investigator for Coral Disease, Bleaching and Condition Survey: Lead scientific support for Florida Keys National Marine Sanctuary/U.S. Environmental Protection joint research survey aboard NOAA Ship Nancy Foster. Coral Disease, Bleaching and Condition Survey Cruise dates September 6 – 14, 2006.**  
SOL: **Purchase Order**  
POC: Patti Hartsing, Program Analyst, (305) 809-4693; Lauri MacLaughlin (305) 852-7717 x 27

**DESC:**

The contractor will provide primary support to Florida Keys National Marine Sanctuary staff in an annual assessment of the extent of coral disease and coral bleaching throughout the Florida Keys by performing the following tasks:

- 1) Provide for relocation of selected, previously established survey stations; perform re-installations of stations as deemed necessary
- 2) Conduct radial belt transects (8-10 meter swath) at 40 stations throughout the FKNMS
- 3) Quantitatively assess and identify coral species presence, size class and general condition (% live)
- 4) Quantitatively assess the prevalence of coral disease episodic event(s)
- 5) Quantitatively assess the prevalence of massive coral bleaching episodic event(s)
- 6) Record general comments regarding additional observations made during the survey (e.g., presence of *Diadema*, macro algae, coral predators and potential disease vectors, diseased conditions, water temperature, currents and visibility, etc.)
- 7) Video and/or still photography to document coral conditions observed during surveys
- 8) Complete data entry of all data collected and QA/QC data entered
- 9) Maintenance and upkeep of all equipment and work spaces onboard

**Qualifications / Selection Criteria:** This contract will require knowledge of the FKNMS and the following skills and abilities:

- 1) PhD in biology, ecology or marine related field (20%)
- 2) Extensive background in coral reef ecosystem dynamics and resource issues (minimum 6 years experience) (20%)
- 3) Expertise in coral and marine invertebrate identification (10%)
- 4) Expertise in coral disease identification protocols (10%)
- 5) Expertise in coral bleaching identification protocols (10%)
- 6) Dry Tortugas and Florida Keys field knowledge (10%)
- 7) Current NOAA Scientific Diver certification or ability to obtain certification prior to cruise (10%)
- 8) Extensive skills in scuba diving survey work, ability to perform 3-4 dives per day (5%)
- 9) Ability to live aboard a research vessel, while performing required tasks, for the duration of the research cruise (5%)

There are no benefits and the contractor is responsible for payroll taxes and insurance including medical. The contractor shall not be deemed a Federal employee for any purposes including the Federal Tort Claims Act, 28 U.S.C. 2671 et seq., the Suits in Admiralty Act, 46 U.S.C. 741 et seq., the Public Vessels Act, 46 U.S.C. 781 et seq., or the Federal Employees Compensation Act, 5 U.S.C. 8101 et seq.

Payments will be made via electronic funds transfer (EFT); required information for EFT is complete name, address, social security number or tax ID number and financial institution information. The required Vendor Profile Form may be obtained from [http://www.rdc.noaa.gov/~casc/acquisitions/acq\\_index.htm](http://www.rdc.noaa.gov/~casc/acquisitions/acq_index.htm) . Contractor will provide an invoice at the completion of the research cruise and post-cruise data processing and analysis.

Vendor must provide a DUNS number (<http://www.dnb.com/us/> ) and register with the Central Contractors Registration (<http://www.ccr.gov/> ) to further qualify for this contract.

Submit a resume based on the work tasks and the qualifications. Resume must include a job cost estimate. Resumes must be received no later than August 10, 2006. Resumes may be e-mailed to Patti Hartsing at [patti.hartsing@noaa.gov](mailto:patti.hartsing@noaa.gov) or mailed to FKNMS 33 East Quay Road, Key West, FL 33040

**This notice may be removed after August 9, 2006**